

Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043020\
 Data File : VN061206.D
 Acq On : 30 Apr 2020 17:05
 Operator : JC/MD
 Sample : L2458-04
 Misc : 5.00mL/MSVOA N/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 S73-0244

Manual Integrations
 APPROVED

MMDadoda
 5/1/2020 10:54:29 AM

Quant Time: May 01 08:55:47 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
 Quant Title : SW846 8260
 QLast Update : Wed Apr 29 08:14:26 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.63	168	117051	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.55	114	204757	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.38	117	194809	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.32	152	89625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	7.99	65	88517	47.79	ug/l	0.00
Spiked Amount	50.000		Recovery	=	95.58%	
35) Dibromofluoromethane	7.55	113	61374	50.69	ug/l	0.00
Spiked Amount	50.000		Recovery	=	101.38%	
50) Toluene-d8	10.06	98	255567	51.78	ug/l	0.00
Spiked Amount	50.000		Recovery	=	103.56%	
62) 4-Bromofluorobenzene	12.38	95	95395	51.36	ug/l	0.00
Spiked Amount	50.000		Recovery	=	102.72%	
Target Compounds						
4) Vinyl Chloride	2.16	62	37597	22.019	ug/l	99
27) cis-1,2-Dichloroethene	6.78	96	4922	3.119	ug/l	96
31) Cyclohexane	7.62	56	9496	3.524	ug/l #	68
39) Methylcyclohexane	9.05	83	7641	3.324	ug/l	88
73) Isopropylbenzene	12.22	105	2529	0.384	ug/l	99
83) tert-Butylbenzene	12.97	119	1675	0.364	ug/l	91
84) 1,2,4-Trimethylbenzene	13.01	105	2259	0.402	ug/l	89
85) sec-Butylbenzene	13.15	105	15122	2.412	ug/l	85
89) n-Butylbenzene	13.59	91	2807m	0.542	ug/l	

(#) = qualifier out of range (m) = manual integration (+) = signals summed

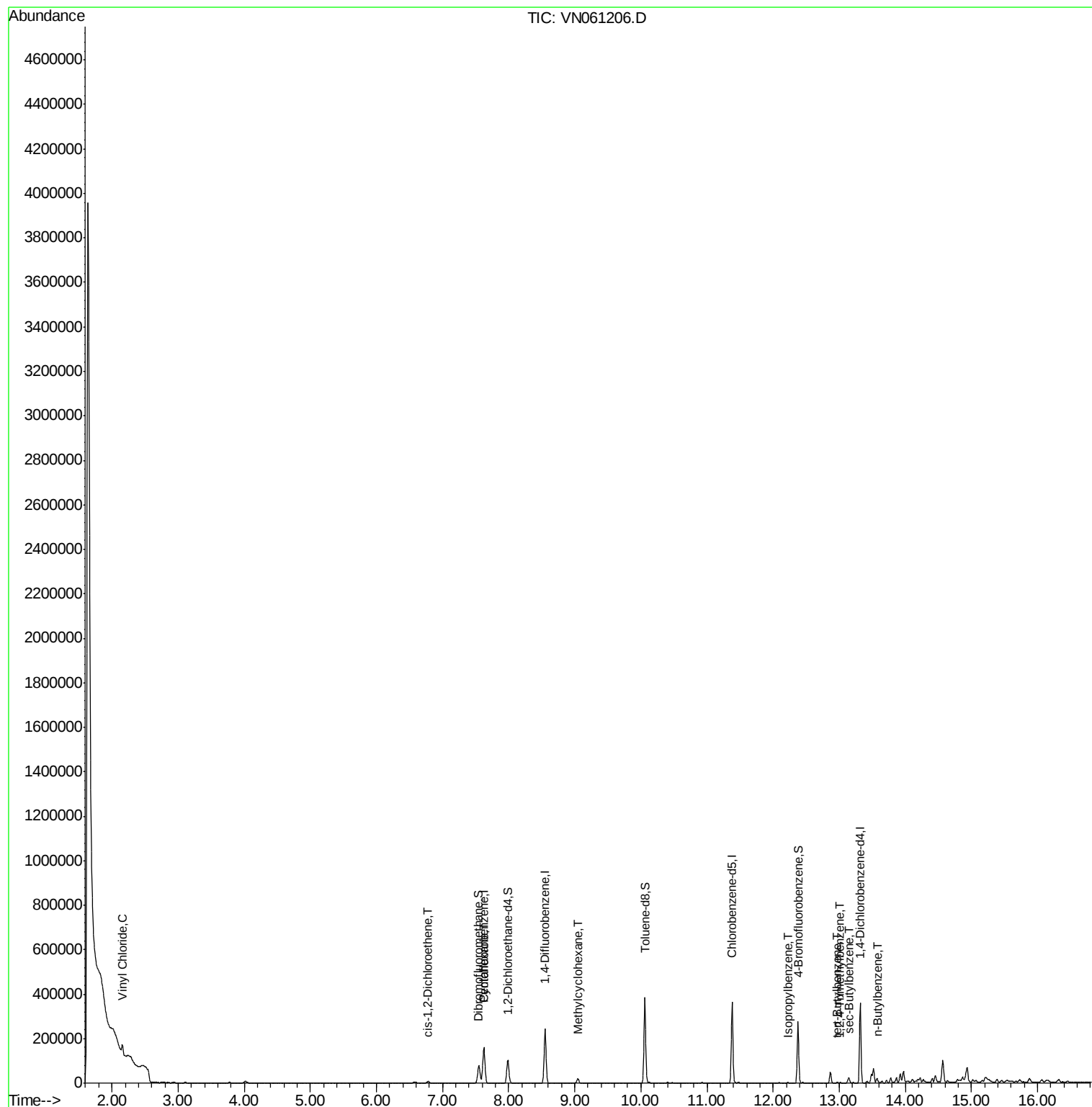
Data Path : Z:\VOASRV\HPCHEM1\MSVOA N\DATA\VN043020\
Data File : VN061206.D
Acq On : 30 Apr 2020 17:05
Operator : JC/MD
Sample : L2458-04
Misc : 5.00mL/MSVOA N/WATER
ALS Vial : 9 Sample Multiplier: 1

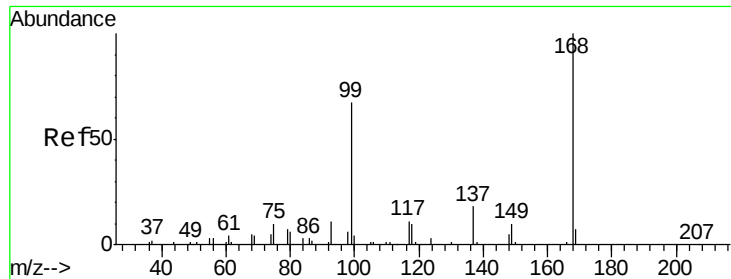
Instrument :
MSVOA_N
ClientSampleId :
S73-0244

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5/1/2020 10:54:29 AM

Quant Time: May 01 08:55:47 2020
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N042720W.M
Quant Title : SW846 8260
QLast Update : Wed Apr 29 08:14:26 2020
Response via : Initial Calibration





#1

Pentafluorobenzene

Concen: 50.000 ug/l

RT: 7.63 min Scan# 1877

Delta R.T. 0.00 min

Lab File: VN061206.D

Acq: 30 Apr 2020 17:05

Instrument :

MSVOA_N

ClientSampled :

S73-0244

Tot Ion:168 Resp: 117051

Ion Ratio Lower Upper

168 100

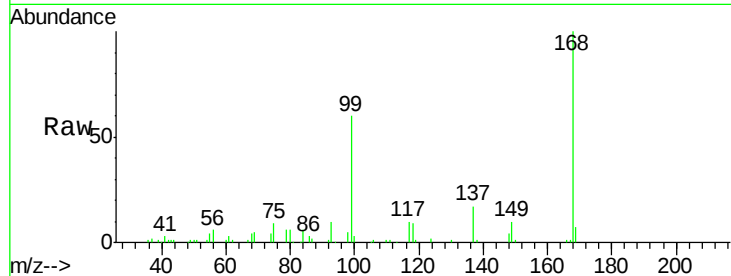
99 59.6 51.2 76.8

Manual Integrations

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Abundance Ion 167.90 (167.60 to 168.60): V

Ion 98.90 (98.60 to 99.60): VNO

7.63

60000

50000

40000

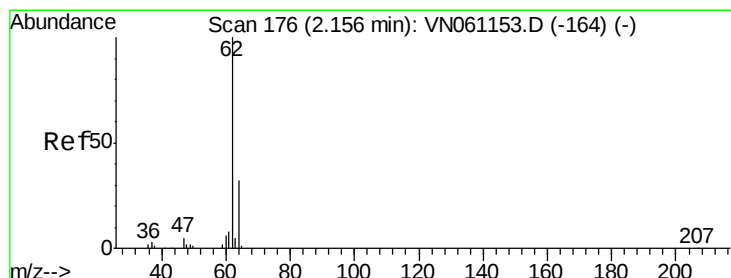
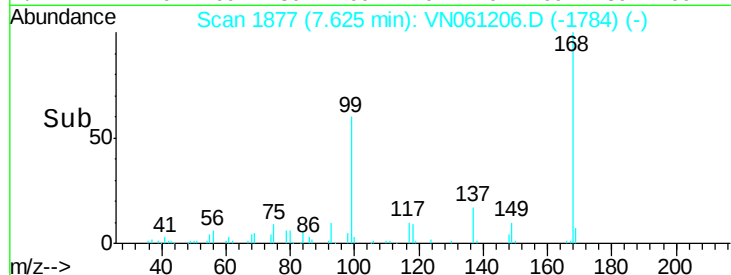
30000

20000

10000

0

Time--> 7.50 7.60 7.70



#4

Vinyl Chloride

Concen: 22.019 ug/l

RT: 2.16 min Scan# 176

Delta R.T. 0.00 min

Lab File: VN061206.D

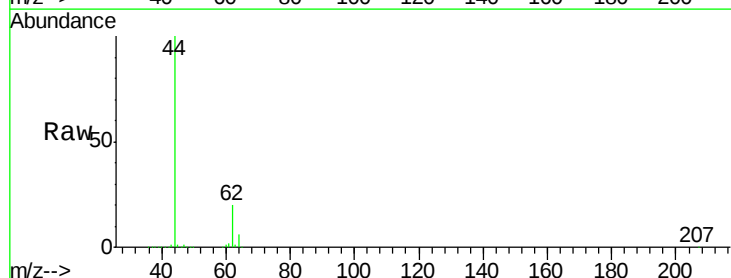
Acq: 30 Apr 2020 17:05

Tgt Ion: 62 Resp: 37597

Ion Ratio Lower Upper

62 100

64 31.0 25.2 37.8



Abundance Ion 61.90 (61.60 to 62.60): VNO

Ion 63.90 (63.60 to 64.60): VNO

2.16

30000

25000

20000

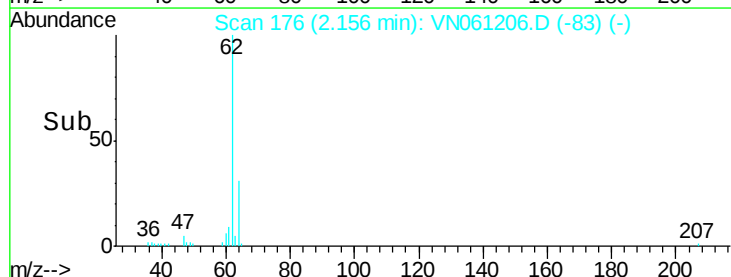
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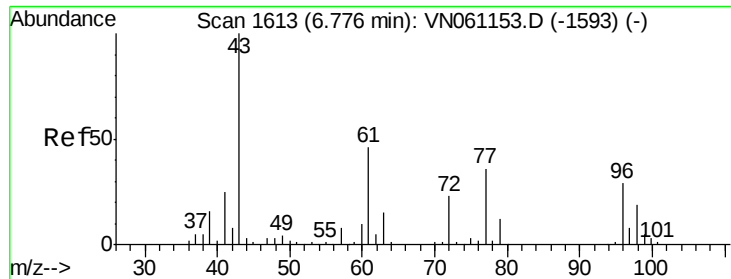
10000

5000

0

Time--> 2.10 2.15 2.20





#27

cis-1,2-Dichloroethene

Concen: 3.119 ug/l

RT: 6.78 min Scan# 1613

Delta R.T. 0.00 min

Lab File: VN061206.D

Acq: 30 Apr 2020 17:05

Instrument :

MSVOA_N

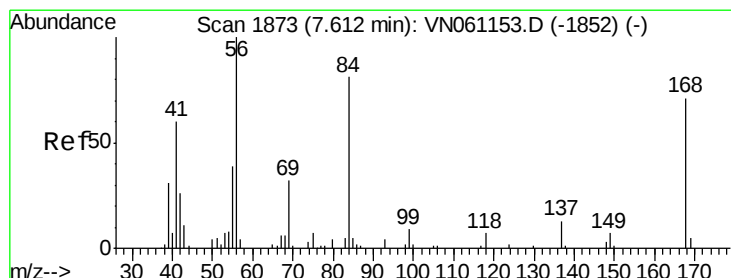
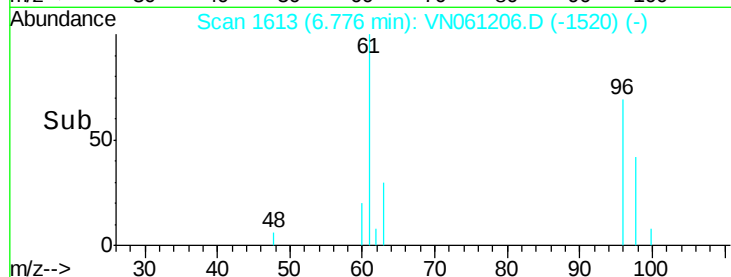
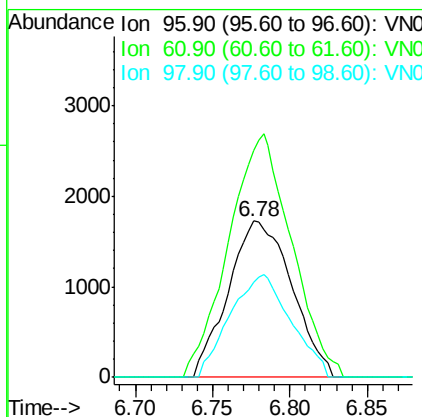
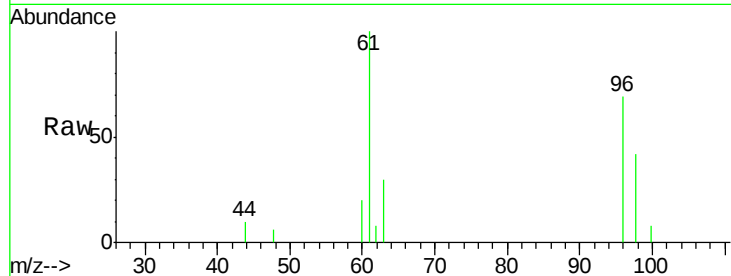
ClientSampleId :

S73-0244

Tot Ion:	96	Resp:	4922
Ion	Ratio	Lower	Upper
96	100		
61	154.1	0.0	322.0
98	63.0	0.0	129.6

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#31

Cyclohexane

Concen: 3.524 ug/l

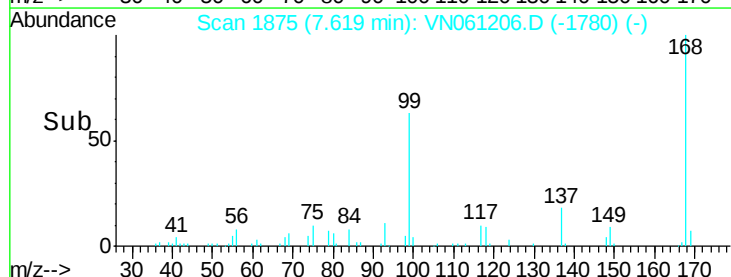
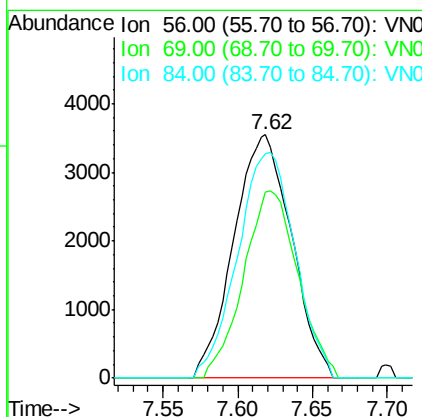
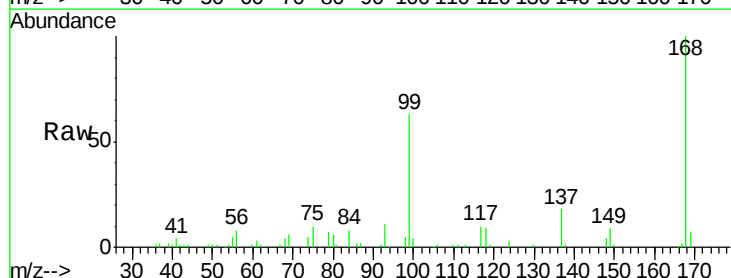
RT: 7.62 min Scan# 1875

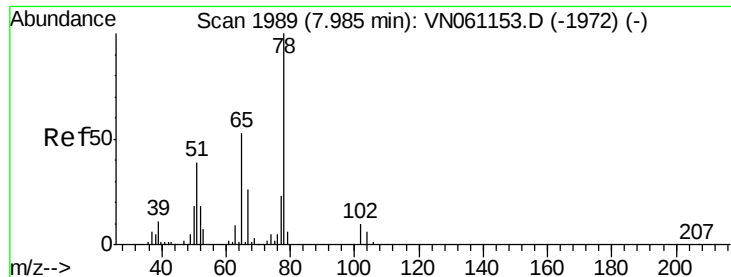
Delta R.T. 0.01 min

Lab File: VN061206.D

Acq: 30 Apr 2020 17:05

Tgt Ion:	56	Resp:	9496
Ion	Ratio	Lower	Upper
56	100		
69	76.2	25.7	38.5#
84	92.1	64.6	97.0





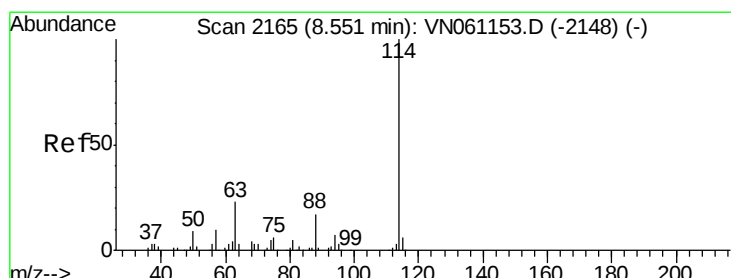
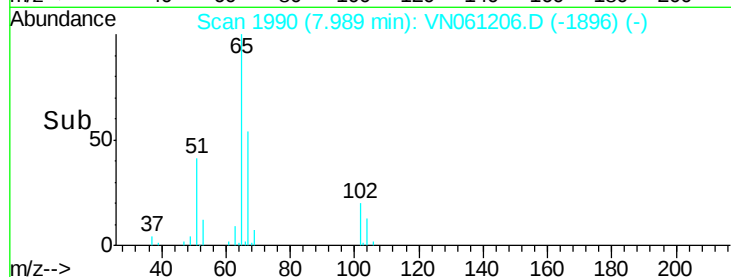
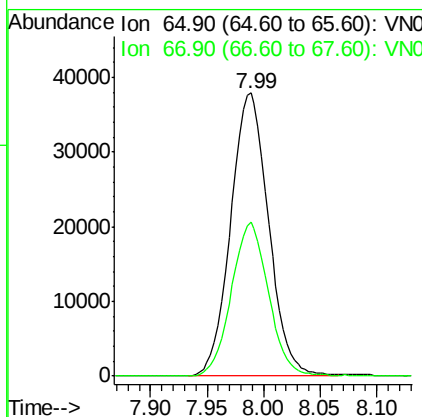
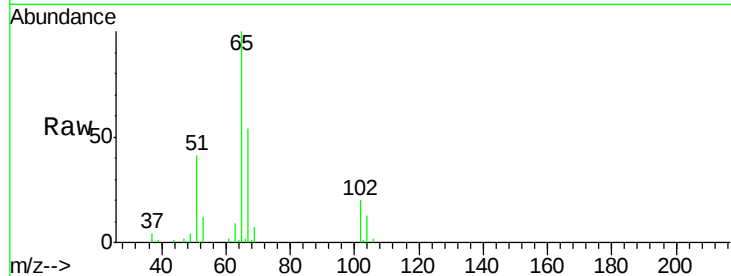
#33
 1,2-Dichloroethane-d4
 Concen: 47.793 ug/l
 RT: 7.99 min Scan# 1990
 Delta R.T. 0.00 min
 Lab File: VN061206.D
 Acq: 30 Apr 2020 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 S73-0244

Tot Ion	Ratio	Resp	Lower	Upper
65	100			
67	53.0	0.0	101.6	

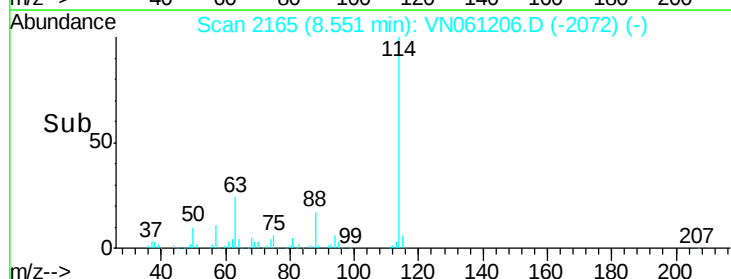
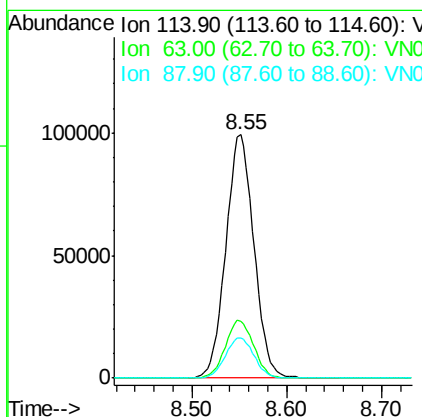
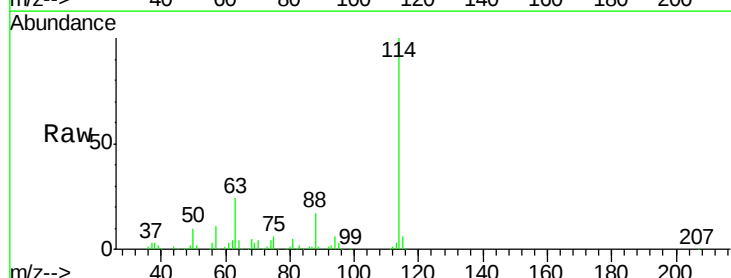
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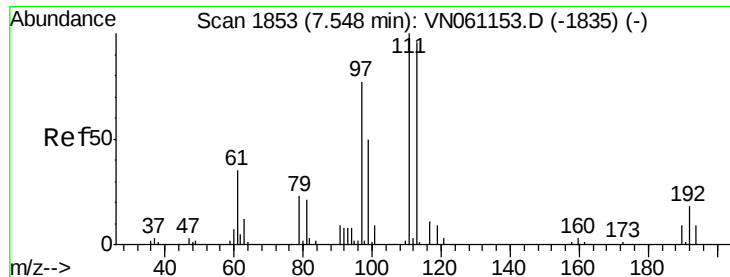
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#34
 1,4-Difluorobenzene
 Concen: 50.000 ug/l
 RT: 8.55 min Scan# 2165
 Delta R.T. 0.00 min
 Lab File: VN061206.D
 Acq: 30 Apr 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
114	100			
63	23.5	0.0	46.6	
88	16.6	0.0	33.4	





#35

Dibromofluoromethane

Concen: 50.690 ug/l

RT: 7.55 min Scan# 1853

Delta R.T. 0.00 min

Lab File: VN061206.D

Acq: 30 Apr 2020 17:05

Instrument :

MSVOA_N

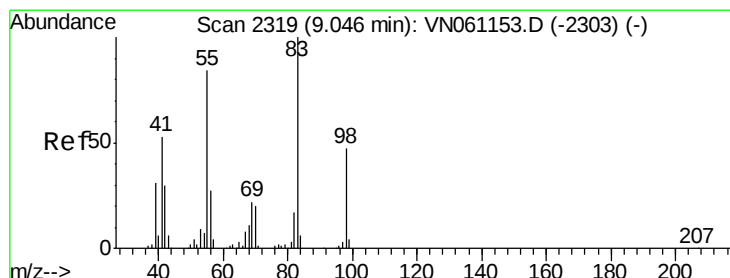
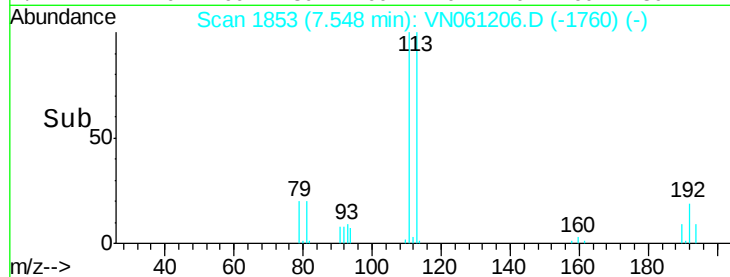
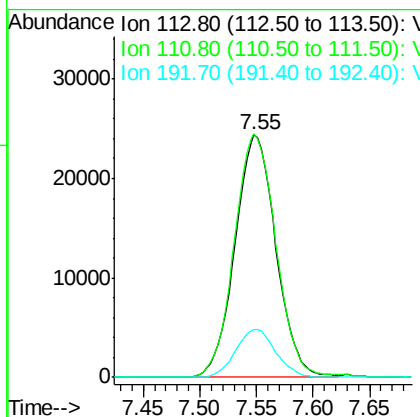
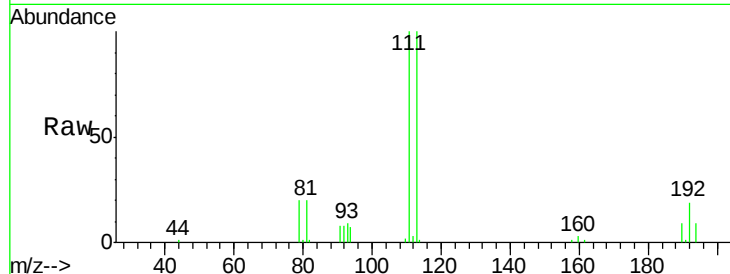
ClientSampleId :

S73-0244

Tot Ion:	113	Resp:	61374
Ion	Ratio	Lower	Upper
113	100		
111	102.1	82.9	124.3
192	19.2	14.7	22.1

Manual Integrations
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#39

Methylcyclohexane

Concen: 3.324 ug/l

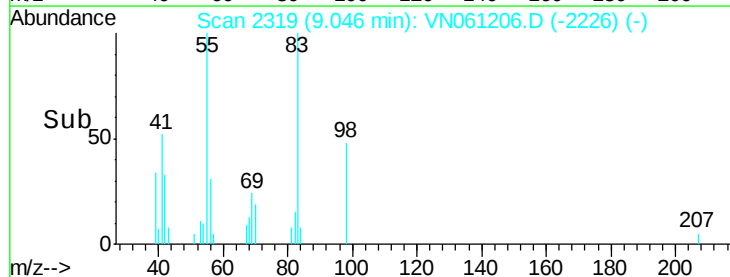
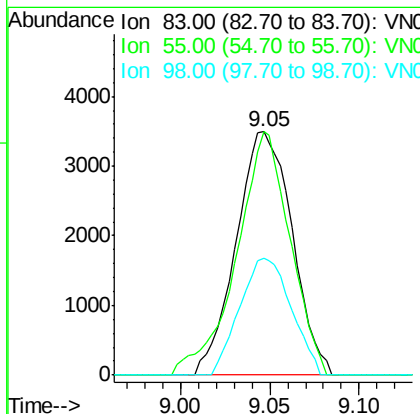
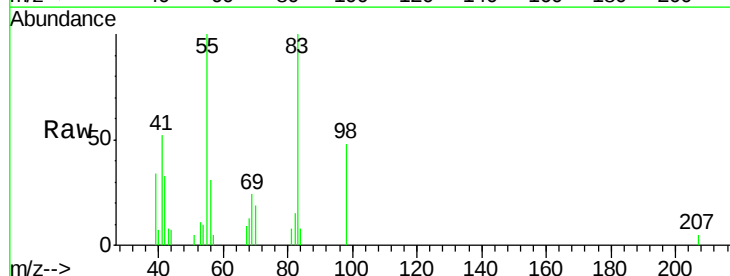
RT: 9.05 min Scan# 2319

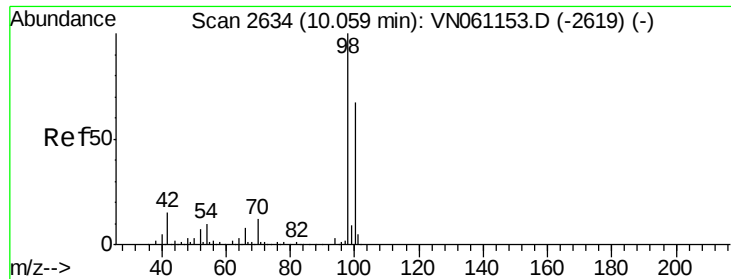
Delta R.T. 0.00 min

Lab File: VN061206.D

Acq: 30 Apr 2020 17:05

Tgt Ion:	83	Resp:	7641
Ion	Ratio	Lower	Upper
83	100		
55	99.8	67.3	100.9
98	48.2	37.7	56.5





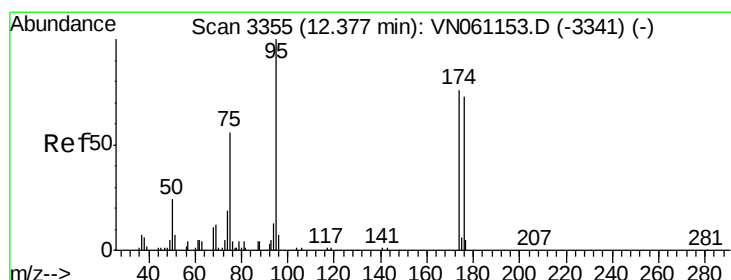
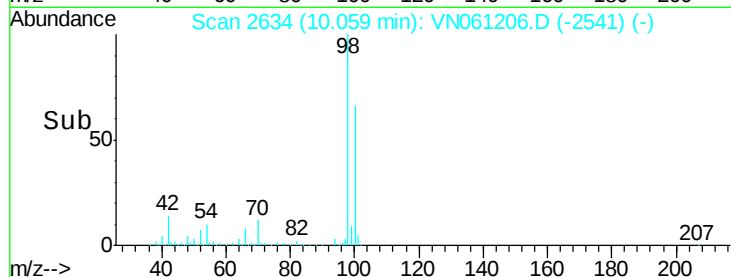
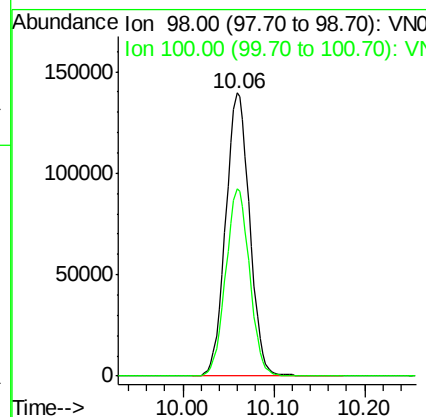
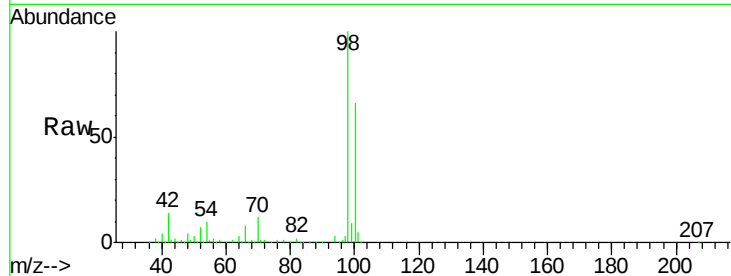
#50
Toluene-d8
Concen: 51.779 ug/l
RT: 10.06 min Scan# 2634
Delta R.T. 0.00 min
Lab File: VN061206.D
Acq: 30 Apr 2020 17:05

Instrument :
MSVOA_N
ClientSampleId :
S73-0244

Tot Ion: 98 Resp: 255567
Ion Ratio Lower Upper
98 100
100 65.8 53.4 80.0

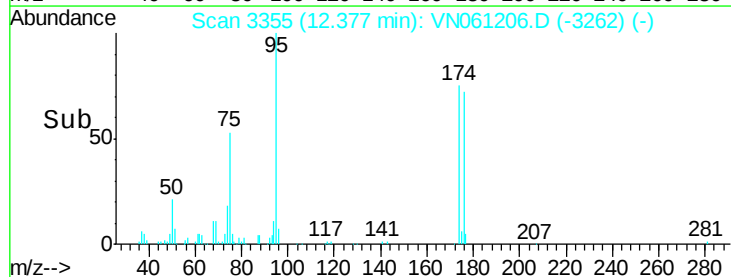
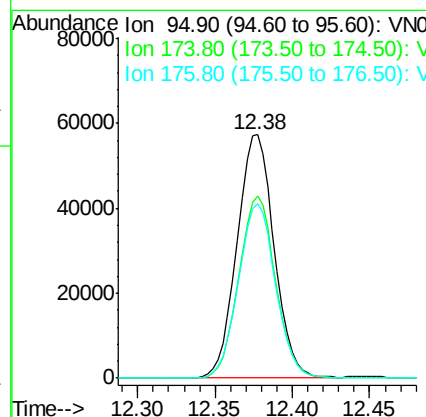
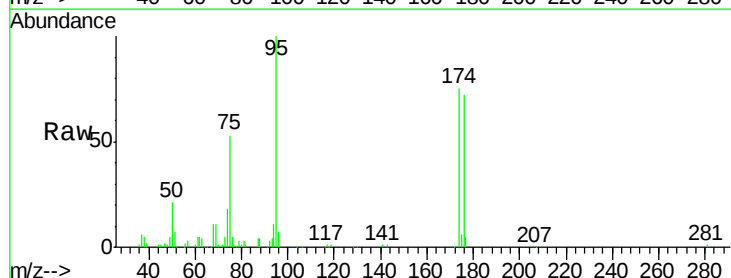
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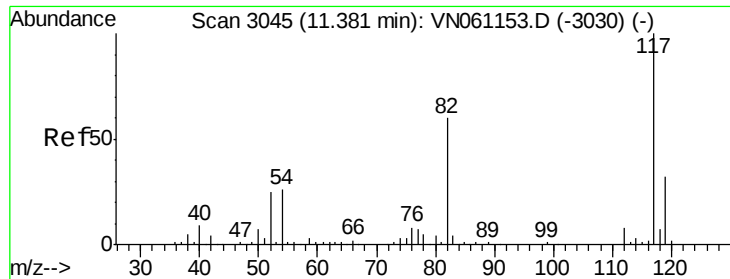
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#62
4-Bromofluorobenzene
Concen: 51.359 ug/l
RT: 12.38 min Scan# 3355
Delta R.T. 0.00 min
Lab File: VN061206.D
Acq: 30 Apr 2020 17:05

Tgt Ion: 95 Resp: 95395
Ion Ratio Lower Upper
95 100
174 74.2 0.0 149.4
176 71.8 0.0 144.8





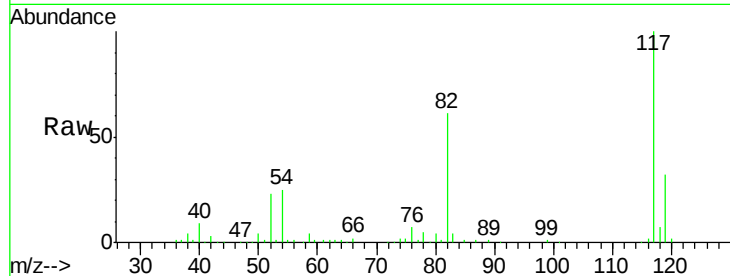
#63
Chlorobenzene-d5
Concen: 50.000 ug/l
RT: 11.38 min Scan# 3045
Delta R.T. 0.00 min
Lab File: VN061206.D
Acq: 30 Apr 2020 17:05

Instrument :
MSVOA_N
ClientSampled :
S73-0244

Tot Ion	Ratio	Resp	Lower	Upper
117	100	194809		
82	61.2	47.8	71.8	
119	32.4	25.8	38.6	

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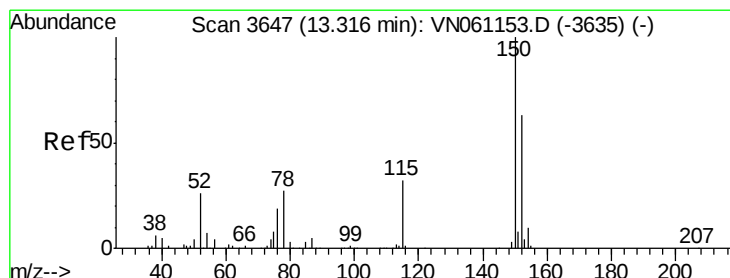
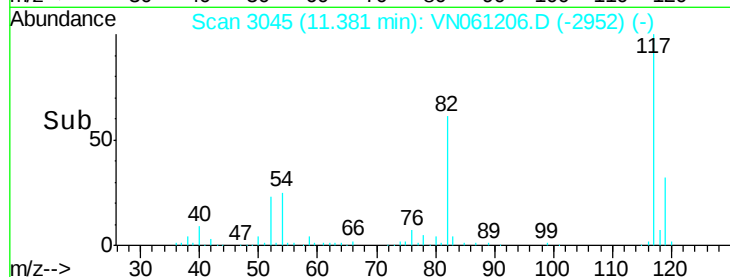
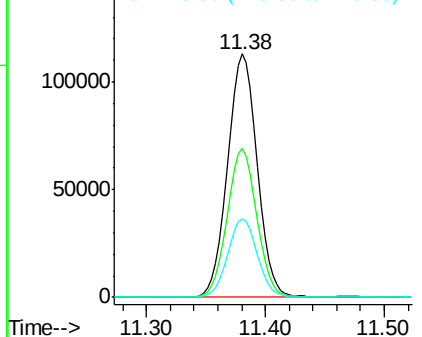


Abundance

Ion 116.90 (116.60 to 117.60): V

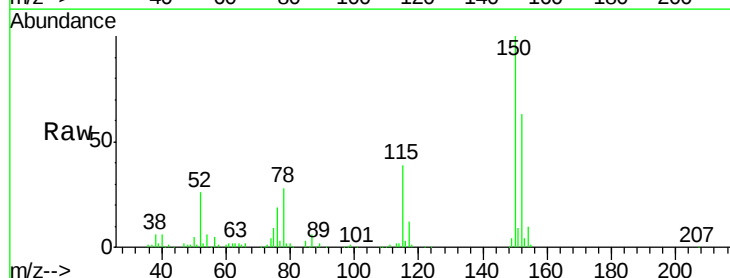
Ion 82.00 (81.70 to 82.70): V

Ion 118.90 (118.60 to 119.60): V



#72
1,4-Dichlorobenzene-d4
Concen: 50.000 ug/l
RT: 13.32 min Scan# 3648
Delta R.T. 0.00 min
Lab File: VN061206.D
Acq: 30 Apr 2020 17:05

Tgt Ion	Ratio	Resp	Lower	Upper
152	100	89625		
115	61.3	31.0	93.0	
150	158.3	0.0	351.8	

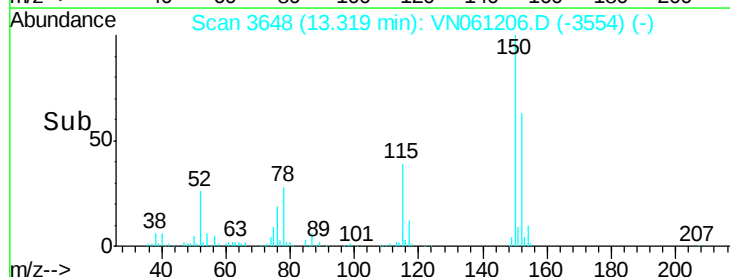
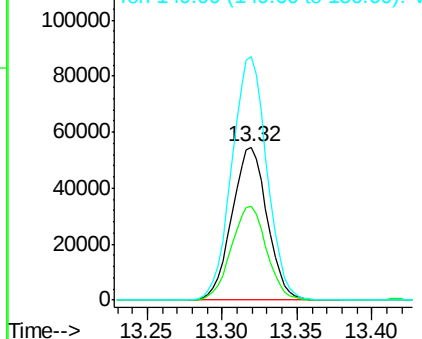


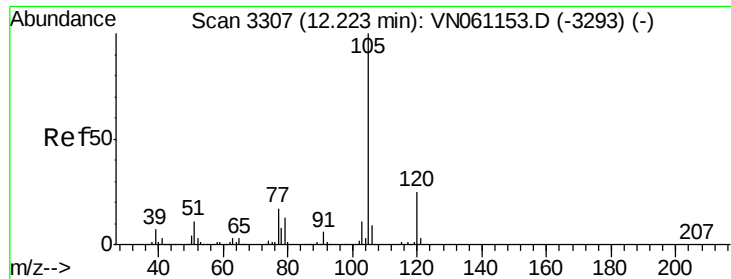
Abundance

Ion 151.90 (151.60 to 152.60): V

Ion 114.90 (114.60 to 115.60): V

Ion 149.90 (149.60 to 150.60): V





#73

Isopropylbenzene

Concen: 0.384 ug/l

RT: 12.22 min Scan# 3307

Delta R.T. 0.00 min

Lab File: VN061206.D

Acq: 30 Apr 2020 17:05

Instrument :

MSVOA_N

ClientSampled :

S73-0244

Tot Ion:105 Resp: 2529

Ion Ratio Lower Upper

105 100

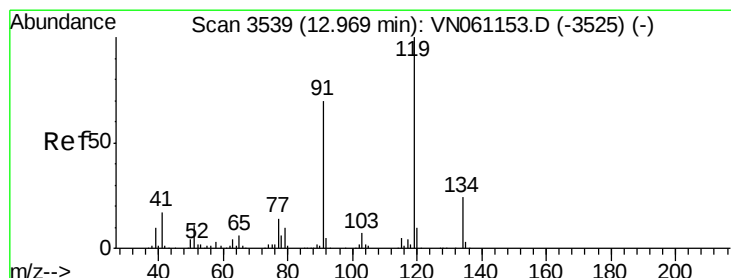
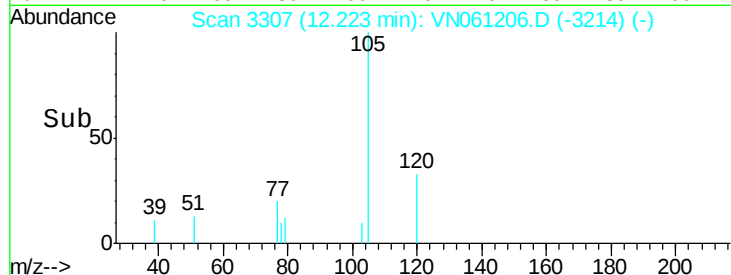
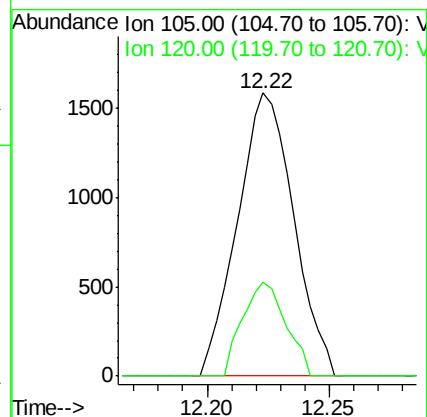
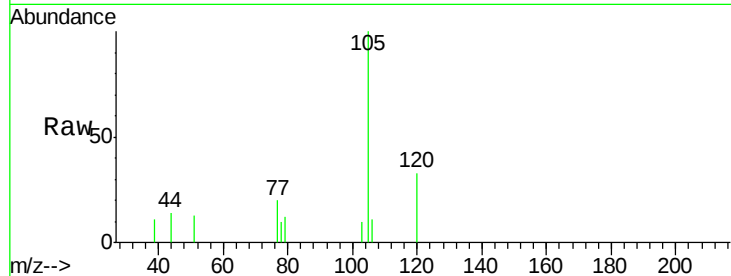
120 25.6 12.6 37.8

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#83

tert-Butylbenzene

Concen: 0.364 ug/l

RT: 12.97 min Scan# 3539

Delta R.T. 0.00 min

Lab File: VN061206.D

Acq: 30 Apr 2020 17:05

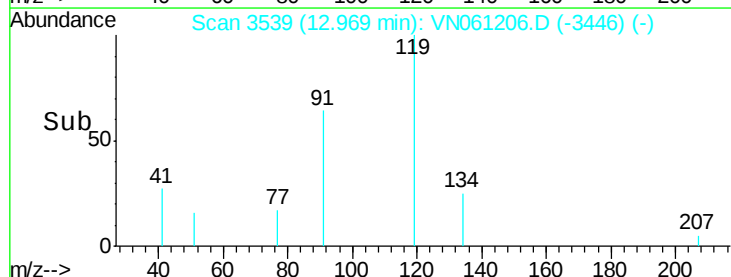
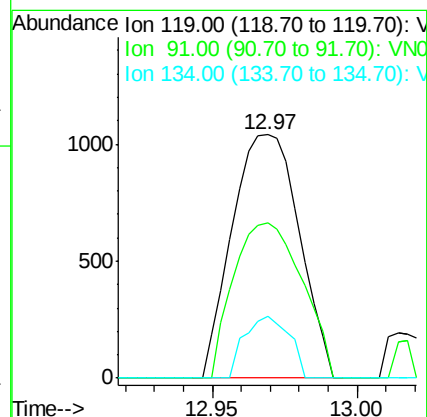
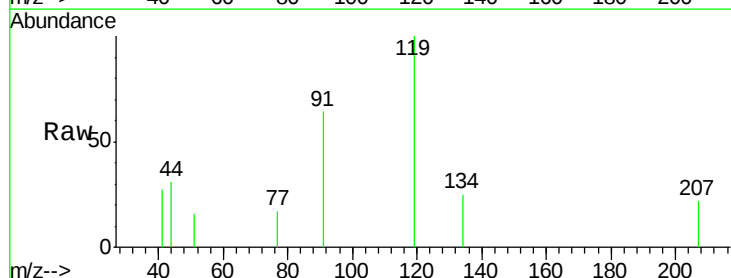
Tgt Ion:119 Resp: 1675

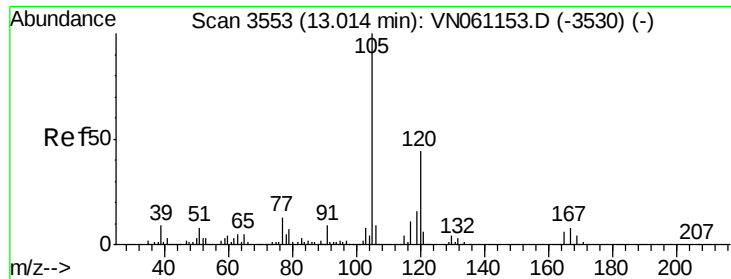
Ion Ratio Lower Upper

119 100

91 65.2 34.8 104.4

134 16.9 12.9 38.7





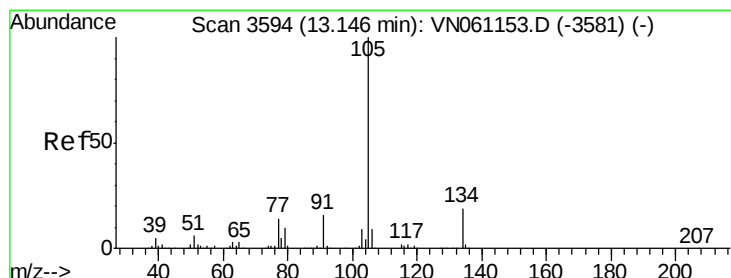
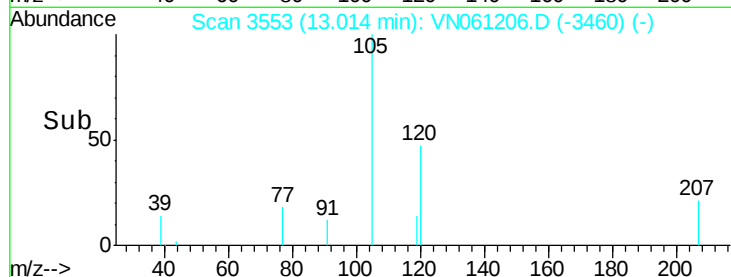
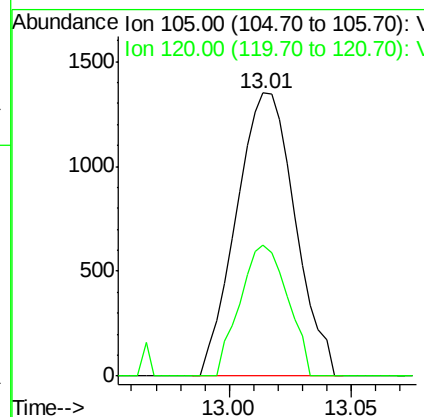
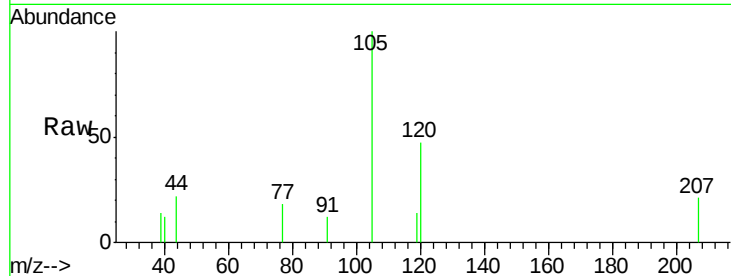
#84
1,2,4-Trimethylbenzene
Concen: 0.402 ug/l
RT: 13.01 min Scan# 3553
Delta R.T. 0.00 min
Lab File: VN061206.D
Acq: 30 Apr 2020 17:05

Instrument :
MSVOA_N
ClientSampled :
S73-0244

Tot Ion:105 Resp: 2259
Ion Ratio Lower Upper
105 100
120 37.5 22.2 66.6

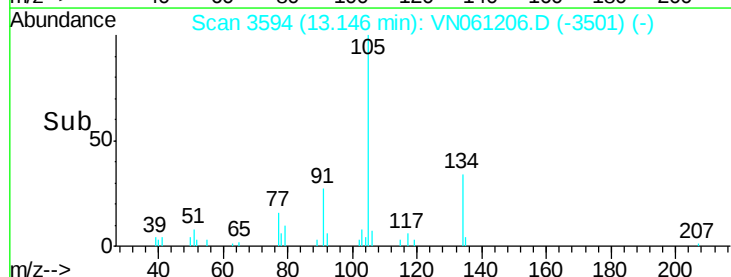
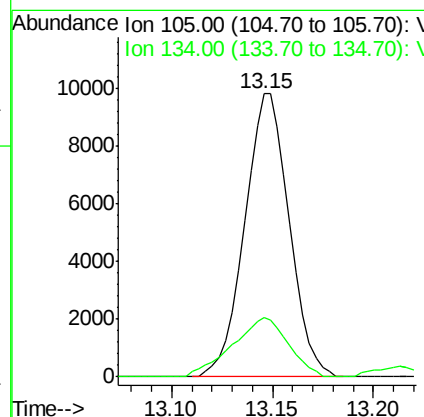
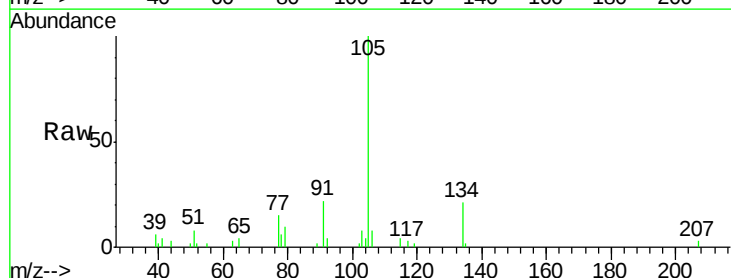
Manual Integrations
APPROVED

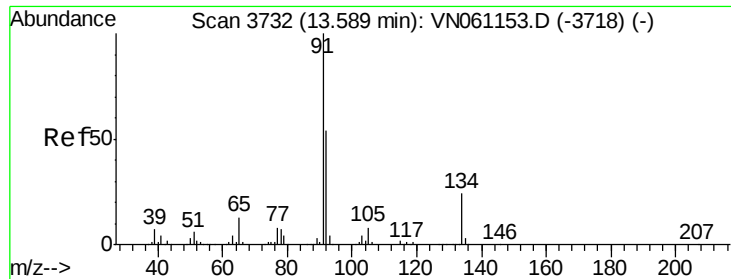
MMDadoda
5/1/2020 10:54:29 AM



#85
sec-Butylbenzene
Concen: 2.412 ug/l
RT: 13.15 min Scan# 3594
Delta R.T. 0.00 min
Lab File: VN061206.D
Acq: 30 Apr 2020 17:05

Tgt Ion:105 Resp: 15122
Ion Ratio Lower Upper
105 100
134 26.2 9.6 28.8





#89
 n-Butylbenzene
 Concen: 0.542 ug/l m
 RT: 13.59 min Scan# 3732
 Delta R.T. 0.00 min
 Lab File: VN061206.D
 Acq: 30 Apr 2020 17:05

Instrument :
 MSVOA_N
 ClientSampleId :
 S73-0244

Tot Ion:	91	Resp:	2807
Ion Ratio	Lower	Upper	
91	100		
92	72.6	26.8	80.3
134	0.0	11.9	35.5#

Manual Integrations
 APPROVED

MMDadoda
 5/1/2020 10:54:29 AM

